

CrimeBoard (Gathering, Scraping, Munging and Cleaning Data)

Class: DAMG6210

CRN: 16149

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Files in ZIP

crimeboard_sample_data.zip – Sample data

CrimeBoard ER Diagram - Assignment 3.pdf – ER Diagram

EDA_CRIMEBOARD.ipynb – EDA

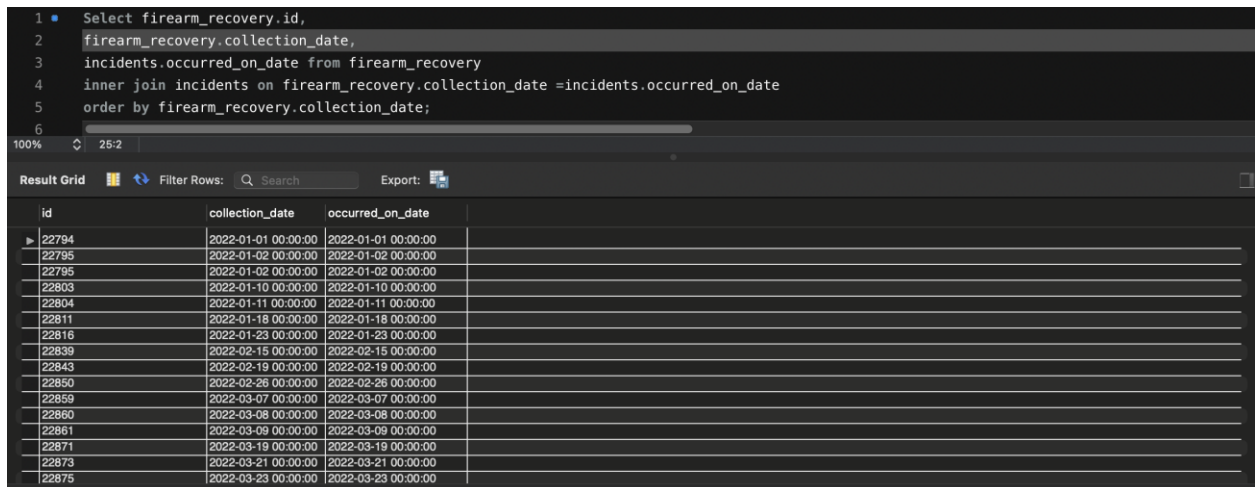
Crimeboard SQL Assignment 3.sql – SQL queries for Use cases

CrimeBoard - DataScraper for Assignment3.py – Python script for Gathering, Scraping, Munging and Cleaning Data

Use Cases

1. Which firearm recovery incident date correlates with the incident report date?

Select firearm_recovery.id, firearm_recovery.collection_date, incidents.occured_on_date
from firearm_recovery inner join incidents on firearm_recovery.collection_date
=incidents.occured_on_date
order by firearm_recovery.collection_date;



The screenshot shows a SQL query editor with the following query:

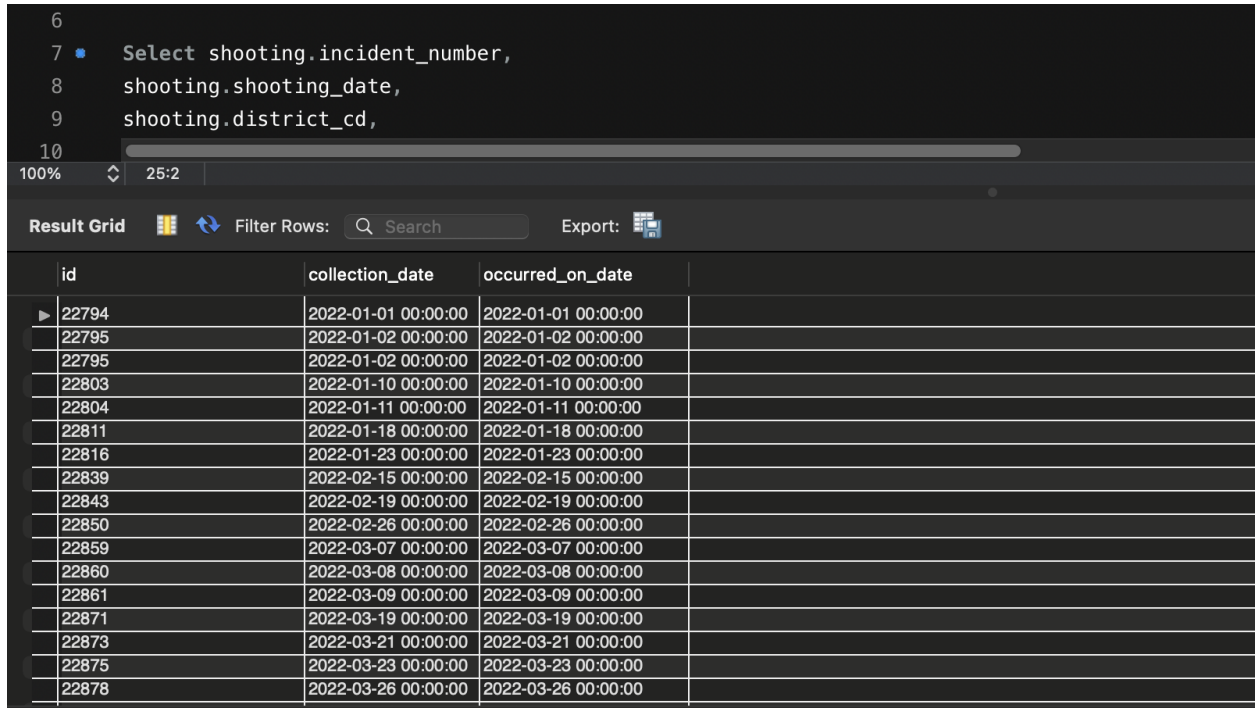
```
1 Select firearm_recovery.id,  
2 firearm_recovery.collection_date,  
3 incidents.occured_on_date from firearm_recovery  
4 inner join incidents on firearm_recovery.collection_date =incidents.occured_on_date  
5 order by firearm_recovery.collection_date;  
6
```

Below the query editor is a "Result Grid" showing the results of the query. The grid has three columns: id, collection_date, and occured_on_date. The results are sorted by collection_date.

id	collection_date	occured_on_date
22794	2022-01-01 00:00:00	2022-01-01 00:00:00
22795	2022-01-02 00:00:00	2022-01-02 00:00:00
22795	2022-01-02 00:00:00	2022-01-02 00:00:00
22803	2022-01-10 00:00:00	2022-01-10 00:00:00
22804	2022-01-11 00:00:00	2022-01-11 00:00:00
22811	2022-01-18 00:00:00	2022-01-18 00:00:00
22816	2022-01-23 00:00:00	2022-01-23 00:00:00
22839	2022-02-15 00:00:00	2022-02-15 00:00:00
22843	2022-02-19 00:00:00	2022-02-19 00:00:00
22850	2022-02-26 00:00:00	2022-02-26 00:00:00
22859	2022-03-07 00:00:00	2022-03-07 00:00:00
22860	2022-03-08 00:00:00	2022-03-08 00:00:00
22861	2022-03-09 00:00:00	2022-03-09 00:00:00
22871	2022-03-19 00:00:00	2022-03-19 00:00:00
22873	2022-03-21 00:00:00	2022-03-21 00:00:00
22875	2022-03-23 00:00:00	2022-03-23 00:00:00

2. Which shooting date correlates with the incident report date?

Select shooting.incident_number, shooting.shooting_date, shooting.district_cd,
shooting.shooting_type, shooting.victim, shooting.victim_gender, shooting.victim_race,
shooting.victim_ethnicity, shooting.multi_victim from shooting left join incidents on
shooting.shooting_date = incidents.occurred_on_date
where incident.shooting = 1
order by shooting.shooting_date;



The screenshot shows a SQL query editor with a query that selects various fields from a 'shooting' table, joined with an 'incidents' table on the condition 'shooting.shooting_date = incidents.occurred_on_date'. The query is filtered for 'incident.shooting = 1' and ordered by 'shooting.shooting_date'. Below the query editor, a 'Result Grid' displays the results of the query. The grid has four columns: 'id', 'collection_date', 'occurred_on_date', and an empty column. The data is sorted by 'shooting_date' (which is the same as 'occurred_on_date' in this context). The results show a list of shooting incidents with their IDs and dates.

	id	collection_date	occurred_on_date	
▶	22794	2022-01-01 00:00:00	2022-01-01 00:00:00	
	22795	2022-01-02 00:00:00	2022-01-02 00:00:00	
	22795	2022-01-02 00:00:00	2022-01-02 00:00:00	
	22803	2022-01-10 00:00:00	2022-01-10 00:00:00	
	22804	2022-01-11 00:00:00	2022-01-11 00:00:00	
	22811	2022-01-18 00:00:00	2022-01-18 00:00:00	
	22816	2022-01-23 00:00:00	2022-01-23 00:00:00	
	22839	2022-02-15 00:00:00	2022-02-15 00:00:00	
	22843	2022-02-19 00:00:00	2022-02-19 00:00:00	
	22850	2022-02-26 00:00:00	2022-02-26 00:00:00	
	22859	2022-03-07 00:00:00	2022-03-07 00:00:00	
	22860	2022-03-08 00:00:00	2022-03-08 00:00:00	
	22861	2022-03-09 00:00:00	2022-03-09 00:00:00	
	22871	2022-03-19 00:00:00	2022-03-19 00:00:00	
	22873	2022-03-21 00:00:00	2022-03-21 00:00:00	
	22875	2022-03-23 00:00:00	2022-03-23 00:00:00	
	22878	2022-03-26 00:00:00	2022-03-26 00:00:00	

3. On which date are the shots fired correlating with the incident report date?

Select shots_fired.incident_number, shots_fired.incident_date, shots_fired.district_cd,
from shooting left join incidents on shots_fired.incident_date =
incidents.occurred_on_date
order by shots_fired.incident_date;

```
19 • Select shots_fired.incident_number,  
20     shots_fired.incident_date,  
21     shots_fired.district_cd  
22     from shots_fired left join incidents on shots_fired.incident_date = incidents.occurred_on_date  
23     order by shots_fired.incident_date;  
24
```

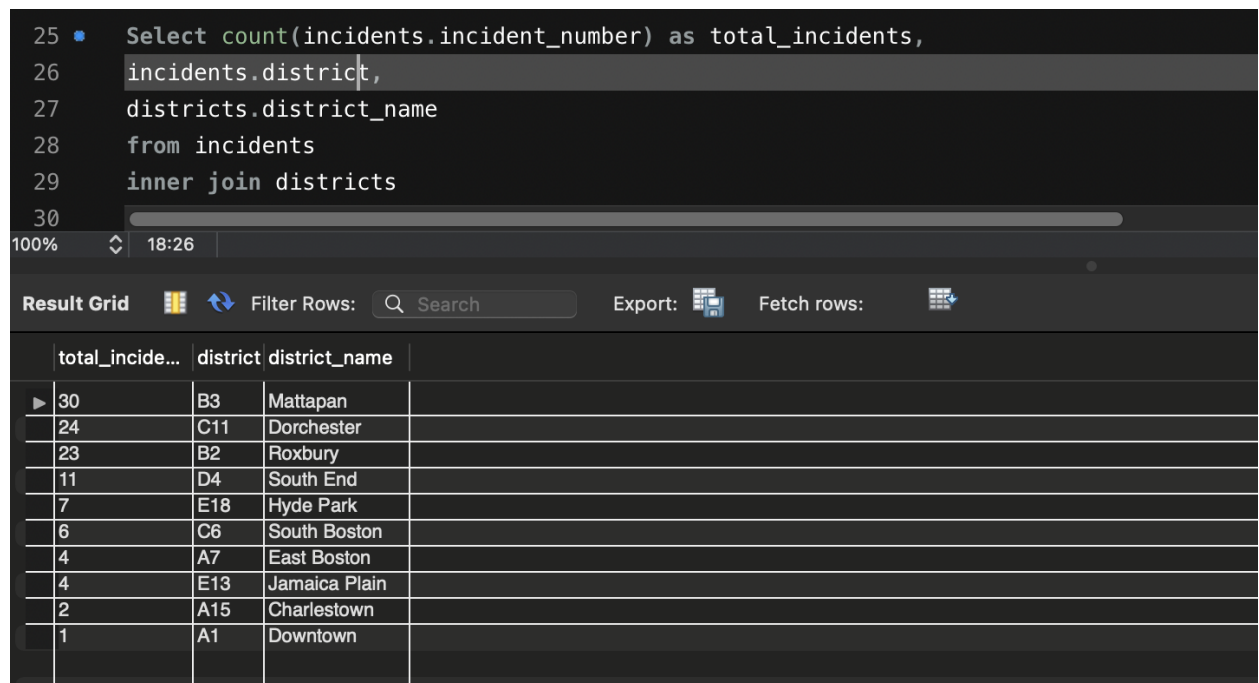
100% 40:22

Result Grid Filter Rows: Search Export:

	incident_numb...	incident_date	district_...
▶	I152000042-00	2015-01-01 00:05:00	A15
	I152000093-00	2015-01-01 04:17:00	C11
	I152000514-00	2015-01-02 15:51:00	B3
	I152000600-00	2015-01-02 22:25:00	E13
	I152000856-00	2015-01-03 23:57:00	B2
	I152000872-00	2015-01-04 00:13:00	B2
	I152000965-00	2015-01-04 15:30:00	B2
	I152001379-00	2015-01-05 22:00:00	C6
	I152001625-00	2015-01-06 19:39:00	B3
	I152001947-00	2015-01-08 12:30:00	B3
	I152002240-00	2015-01-09 02:09:00	A1

4. What are the top 10 districts that have the most incident reports?

```
Select count(incidents.incident_number) as total_incidents,  
incidents.district,  
districts.district_name  
from incidents  
inner join districts  
on incidents.district = districts.district_cd  
group by incidents.district  
order by total_incidents desc  
limit 10;
```



The screenshot shows a SQL query editor with the following code:

```
25 • Select count(incidents.incident_number) as total_incidents,  
26 incidents.district,  
27 districts.district_name  
28 from incidents  
29 inner join districts  
30
```

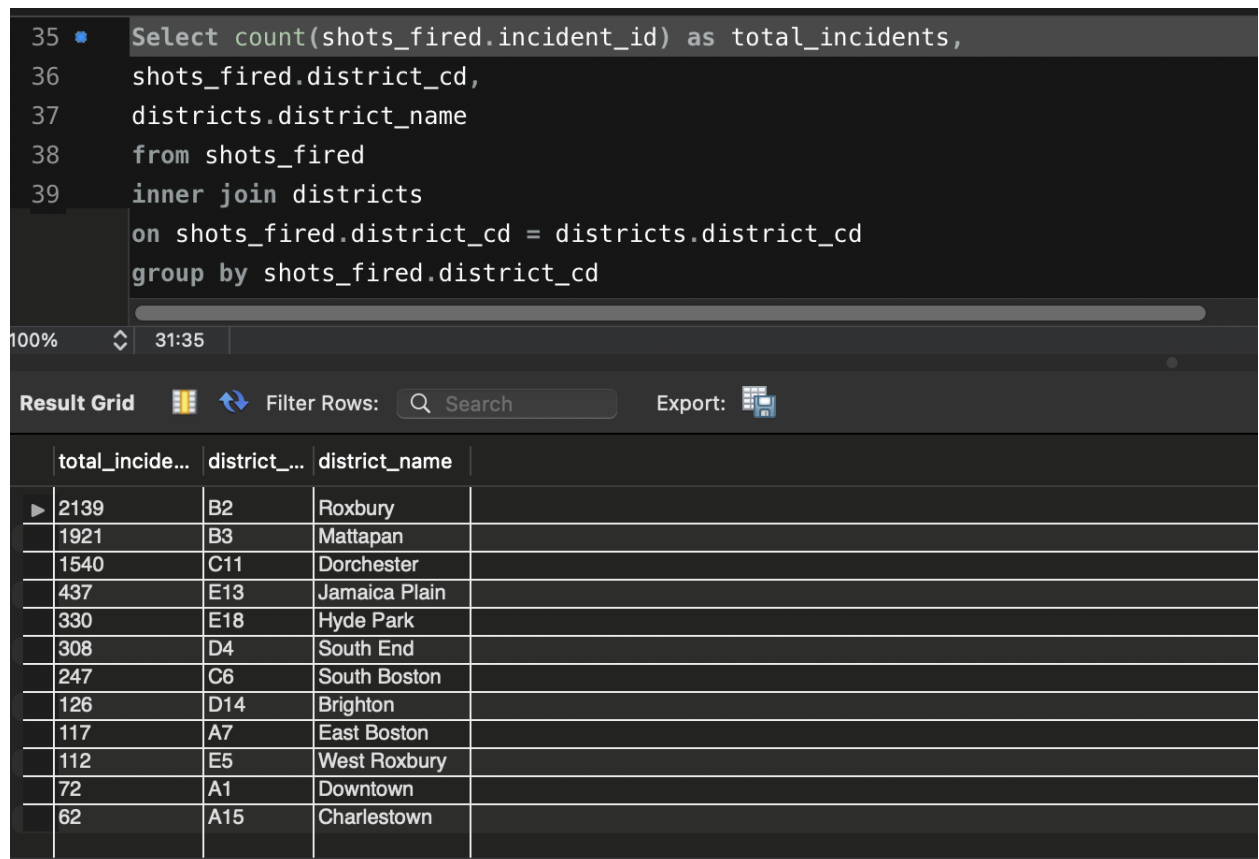
Below the editor is a toolbar with a zoom level of 100%, a timestamp of 18:26, and buttons for "Result Grid", "Filter Rows", "Search", "Export", and "Fetch rows".

The "Result Grid" displays the following data:

	total_incide...	district	district_name
▶	30	B3	Mattapan
	24	C11	Dorchester
	23	B2	Roxbury
	11	D4	South End
	7	E18	Hyde Park
	6	C6	South Boston
	4	A7	East Boston
	4	E13	Jamaica Plain
	2	A15	Charlestown
	1	A1	Downtown

5. In which districts were each shot fired?

```
Select count(shots_fired.incident_id) as total_incidents,  
shots_fired.district_cd,  
districts.district_name,  
from shots_fired  
inner join districts  
on shots_fired.district_cd = districts.district_cd  
group by shots_fired.district_cd  
order by total_incidents desc;
```



The screenshot shows a SQL IDE interface. The top pane contains a SQL query. The bottom pane shows the 'Result Grid' with 13 rows of data. The columns are 'total_incidents', 'district_cd', and 'district_name'. The data is sorted by 'total_incidents' in descending order.

```
35 • Select count(shots_fired.incident_id) as total_incidents,  
36 shots_fired.district_cd,  
37 districts.district_name  
38 from shots_fired  
39 inner join districts  
on shots_fired.district_cd = districts.district_cd  
group by shots_fired.district_cd
```

100% 31:35

Result Grid Filter Rows: Search Export:

	total_incide...	district_...	district_name
▶	2139	B2	Roxbury
	1921	B3	Mattapan
	1540	C11	Dorchester
	437	E13	Jamaica Plain
	330	E18	Hyde Park
	308	D4	South End
	247	C6	South Boston
	126	D14	Brighton
	117	A7	East Boston
	112	E5	West Roxbury
	72	A1	Downtown
	62	A15	Charlestown

6. In which districts have the most shootings occurred?

```
Select count(shooting.incident_number) as total_incidents,  
shooting.district_cd,  
districts.district_name,  
districts.phone  
from shooting  
join as shooting.district_cd = districts.district_cd  
group by district_cd  
order by total_incidents;
```

```

44  •  Select count(shooting.incident_number) as total_incidents,
45      shooting.district_cd,
46      districts.district_name,
47      districts.phone
48  from shooting
49  join districts on shooting.district_cd = districts.district_cd
50  group by district_cd
51

```

100% 20:46

Result Grid Filter Rows: Search Export:

	total_incide...	district_...	district_name	phone
▶ 1	D14	Brighton	(617) 343-4260	
1	E5	West Roxbury	(617) 343-4560	
1	A1	Downtown	(617) 343-4240	
2	A15	Charlestown	(617) 343-4888	
4	A7	East Boston	(617) 343-4220	
5	E13	Jamaica Plain	(617) 343-5630	
7	C6	South Boston	(617) 343-4730	
7	E18	Hyde Park	(617) 343-5600	
8	D4	South End	(617) 343-4250	
22	C11	Dorchester	(617) 343-4330	
24	B2	Roxbury	(617) 343-4270	
33	B3	Mattapan	(617) 343-4700	

7. On what date was the number of guns recovered the highest?

```
Select collection_date,  
(crimeguns_recovered + guns_recovered + buybackguns_recovered) as  
total_guns_recovered  
from firearm_recovery  
order by total_guns_recovered
```

```
53 • Select collection_date,  
54     (crimeguns_recovered + guns_recovered + buybackguns_recovered) as total_guns_recovered  
55     from firearm_recovery  
56     order by total_guns_recovered;  
57  
58 • SELECT shooting.incident_number,
```

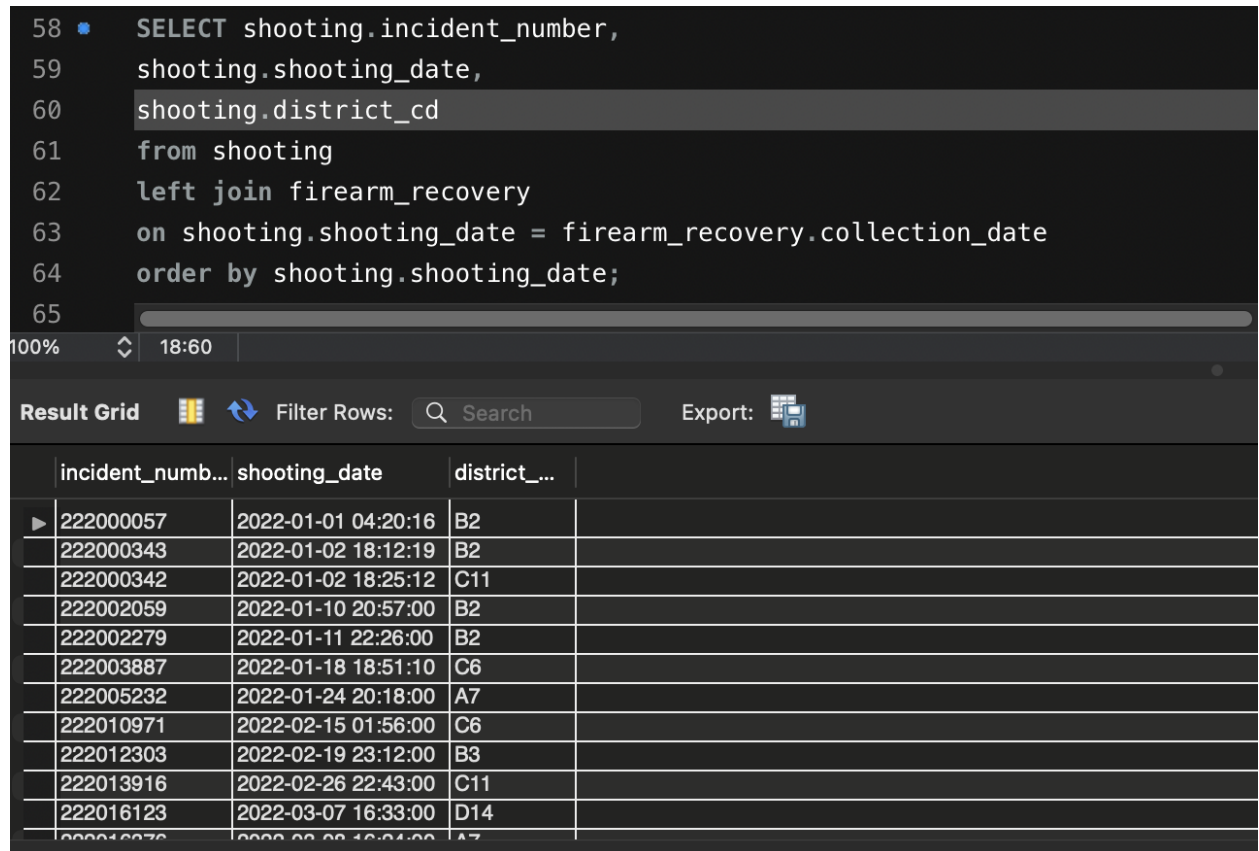
100% 31:56

Result Grid Filter Rows: Search Export:

	collection_date	total_guns_recover...
▶	2014-11-03 00:00:00	NULL
	2015-05-21 00:00:00	NULL
	2017-03-28 00:00:00	NULL
	2017-05-01 00:00:00	NULL
	2017-08-02 00:00:00	NULL
	2017-08-30 00:00:00	NULL
	2017-11-14 00:00:00	NULL
	2018-01-22 00:00:00	NULL
	2018-01-24 00:00:00	NULL
	2018-04-23 00:00:00	NULL
	2018-04-27 00:00:00	NULL
	2018-05-16 00:00:00	NULL
	2018-05-21 00:00:00	NULL

8. Were firearms recovered on the dates when shootings occurred?

```
SELECT shooting.incident_number,  
       shooting.shooting_date,  
       shooting.district_cd  
from shooting  
left join firearm_recovery  
on shooting.shooting_date = firearm_recovery.collection_date  
order by shooting.shooting_date;
```



The screenshot shows a SQL query editor with a dark theme. The query is as follows:

```
58 SELECT shooting.incident_number,  
59 shooting.shooting_date,  
60 shooting.district_cd  
61 from shooting  
62 left join firearm_recovery  
63 on shooting.shooting_date = firearm_recovery.collection_date  
64 order by shooting.shooting_date;  
65
```

Below the query editor is a toolbar with a zoom level of 100%, a refresh icon, a time display of 18:60, and buttons for 'Result Grid', 'Filter Rows', 'Search', and 'Export'.

The 'Result Grid' displays the following data:

	incident_numb...	shooting_date	district_...	
▶	222000057	2022-01-01 04:20:16	B2	
	222000343	2022-01-02 18:12:19	B2	
	222000342	2022-01-02 18:25:12	C11	
	222002059	2022-01-10 20:57:00	B2	
	222002279	2022-01-11 22:26:00	B2	
	222003887	2022-01-18 18:51:10	C6	
	222005232	2022-01-24 20:18:00	A7	
	222010971	2022-02-15 01:56:00	C6	
	222012303	2022-02-19 23:12:00	B3	
	222013916	2022-02-26 22:43:00	C11	
	222016123	2022-03-07 16:33:00	D14	
	222016276	2022-03-08 16:04:00	A7	

9. How many crime-related firearms were collected on the dates when shootings occurred?

```
SELECT shooting.incident_number,  
shooting.shooting_date,  
shooting.district_cd  
from shooting  
left join firearm_recovery  
on shooting.shooting_date = firearm_recovery.collection_date  
where firearm_recovery.crimeguns_recovered > 0  
order by shooting.shooting_date;
```

[illegible]

10. Which gender was involved with the most shooting?

```
Select shooting.victim_gender,  
count(shooting.victim_gender) as count,  
incidents.offense_description  
from shooting  
inner join incidents  
on shooting.incident_number = incidents.incident_number  
group by shooting.victim_gender, incidents.offense_description;
```

```
75 • Select shooting.victim_gender,  
76   count(shooting.victim_gender) as count,  
77   incidents.offense_description  
78   from shooting  
79   inner join incidents  
80   on shooting.incident_number = incidents.incident_number  
81   group by shooting.victim_gender, incidents.offense_description;
```

100% 23:76

Result Grid Filter Rows: Search Export:

	victim_gend...	count	offense_description
▶	Male	70	ASSAULT - AGGRAVATED
	Female	2	MURDER, NON-NEGLIGIENT MANSLAUGHTER
	Female	16	ASSAULT - AGGRAVATED
	Male	2	MURDER, NON-NEGLIGIENT MANSLAUGHTER
	Male	3	ROBBERY
	Male	20	MURDER, NON-NEGLIGIENT MANSLAUGHTER
	Male	1	DEATH INVESTIGATION
	Female	1	MURDER, NON-NEGLIGIENT MANSLAUGHTER

11. Which race was involved with the most shooting?

```
Select shooting.victim_race,  
count(shooting.victim_race) as count,  
incidents.offense_description  
from shooting  
inner join incidents  
on shooting.incident_number = incidents.incident_number  
group by shooting.victim_race, incidents.offense_description;
```

```
83 • Select shooting.victim_race,  
84 count(shooting.victim_race) as count,  
85 incidents.offense_description  
86 from shooting  
87 inner join incidents  
88 on shooting.incident_number = incidents.incident_number  
89 group by shooting.victim_race, incidents.offense_description;  
90  
91 •
```

100% 26:84

Result Grid Filter Rows: Search Export:

	victim_race	count	offense_description
▶	Unknown	8	ASSAULT - AGGRAVATED
■	Black or African American	4	MURDER, NON-NEGLIGENT MANSLAUGHTER
■	Black or African American	60	ASSAULT - AGGRAVATED
■	White	15	ASSAULT - AGGRAVATED
■	White	3	ROBBERY
■	White	2	MURDER, NON-NEGLIGENT MANSLAUGHTER
■	Black or African American	19	MURDER, NON-NEGLIGENT MANSLAUGHTER
■	NULL	0	ASSAULT - AGGRAVATED
■	Black or African American	1	DEATH INVESTIGATION
■			
■			

12. Which ethnicity was involved with the most shooting?

```
Select shooting.victim_ethnicity,  
count(shooting.victim_ethnicity) as count,  
incidents.offense_description  
from shooting  
inner join incidents  
on shooting.incident_number = incidents.incident_number  
group by shooting.victim_ethnicity, incidents.offense_description;
```

```
91 • Select shooting.victim_ethnicity,  
92     count(shooting.victim_ethnicity) as count,  
93     incidents.offense_description  
94     from shooting  
95     inner join incidents  
96     on shooting.incident_number = incidents.incident_number  
97     group by shooting.victim_ethnicity, incidents.offense_description;  
98
```

100% 26:92

Result Grid Filter Rows: Search Export:

	victim_ethnicity	count	offense_description
	NULL	0	MURDER, NON-NEGLIGIENT MANSLAUGHTER
	Not Hispanic or Latinx	45	ASSAULT - AGGRAVATED
	Unknown	11	ASSAULT - AGGRAVATED
	NULL	0	ASSAULT - AGGRAVATED
	Not Hispanic or Latinx	3	MURDER, NON-NEGLIGIENT MANSLAUGHTER
	Not Hispanic or Latinx	1	ROBBERY
	Hispanic or Latinx	3	MURDER, NON-NEGLIGIENT MANSLAUGHTER
	Unknown	3	MURDER, NON-NEGLIGIENT MANSLAUGHTER
	Not Hispanic or Latinx	15	MURDER, NON-NEGLIGIENT MANSLAUGHTER
	Hispanic or Latinx	2	ROBBERY
	Not Hispanic or Latinx	1	DEATH INVESTIGATION

13. Which type of offense is the most recorded?

```
Select incidents.offense_code,  
count(incidents.offense_code) as count_of_offence,  
offense.offense_desc  
from incidents  
Join offense  
on incidents.offense_code = offense.offense_code  
group by offense_code  
order by count_of_offence;
```

```
99  Select incidents.offense_code,  
100  count(incidents.offense_code) as count_of_offence,  
101  offense.offense_desc  
102  from incidents  
103  Join offense  
104  on incidents.offense_code = offense.offense_code  
105  group by offense_code  
106  order by count_of_offence;  
107
```

100% 13:103

Result Grid Filter Rows: Search Export:




	offense_code	count_of_offen...	offense_desc
▶	3001	1	DEATH INVESTIGATION
▶	301	3	ROBBERY - STREET
▶	111	25	MURDER, NON-NEGLIGIENT MANSLAUGHTER
▶	423	86	ASSAULT - AGGRAVATED
▶			
▶			
▶			
▶			
▶			

14. How many incidents had ballistic evidence recovered?

```
Select shots_fired.incident_number,  
Shots_fired.district_cd,  
districts.district_name,  
Shots_fired.ballistics_evidence  
From Shots_fired  
Join districts  
on Shots_fired.district_cd = districts.district_cd  
Where Shots_fired.ballistics_evidence = "t";
```

```
108 • Select shots_fired.incident_number,  
109     Shots_fired.district_cd,  
110     districts.district_name,  
111     Shots_fired.ballistics_evidence  
112     From Shots_fired  
113     Join districts  
114     on Shots_fired.district_cd = districts.district_cd  
115     Where Shots_fired.ballistics_evidence = "t";  
116
```

100% 20:110

Result Grid   Filter Rows: Export: 

	incident_numb...	district_...	district_na...	ballistics_eviden...	
▶	I152002965-00	A1	Downtown	t	
	I152078240	A1	Downtown	t	
	I162021632	A1	Downtown	t	
	I162025054	A1	Downtown	t	
	I162061114	A1	Downtown	t	
	I162067934	A1	Downtown	t	
	I162073694	A1	Downtown	t	
	I172026643	A1	Downtown	t	
	I172046625	A1	Downtown	t	
	I172070070	A1	Downtown	t	

15. Which districts had the most ballistic evidence recovered?

```
Select districts.district_cd,  
count(shots_fired.district_cd) AS count  
From districts  
join shots_fired  
on districts.district_cd = shots_fired.district_cd  
Where Shots_fired.ballistics_evidence = "t"  
Group by districts.district_cd  
Order by count desc  
LIMIT 1;
```

```
117 Select districts.district_cd,  
118 count(shots_fired.district_cd) AS count  
119 From districts  
120 join shots_fired  
121 on districts.district_cd = shots_fired.district_cd  
122 Where Shots_fired.ballistics_evidence = "t"  
123 Group by districts.district_cd  
124 Order by count desc  
125 LIMIT 1;  
126
```

100% 12:119

Result Grid Filter Rows: Search Export: Fetch r

	district_...	count
▶	B2	768
▶		
▶		
▶		
▶		

16. Which incidents resulted in multiple victims?

```
Select incidents.incident_number,  
Shooting.multi_victim  
From incidents inner join shooting  
on incidents.incident_number = shooting.incident_number  
Where shooting.multi_victim = "t"  
Group by incidents.incident_number,  
shooting.multi_victim;
```

```
127 • Select incidents.incident_number,  
128     Shooting.multi_victim  
129     From incidents inner join shooting  
130     on incidents.incident_number = shooting.incident_number  
131     Where shooting.multi_victim = "t"  
132     Group by incidents.incident_number,  
133     shooting.multi_victim;  
134
```

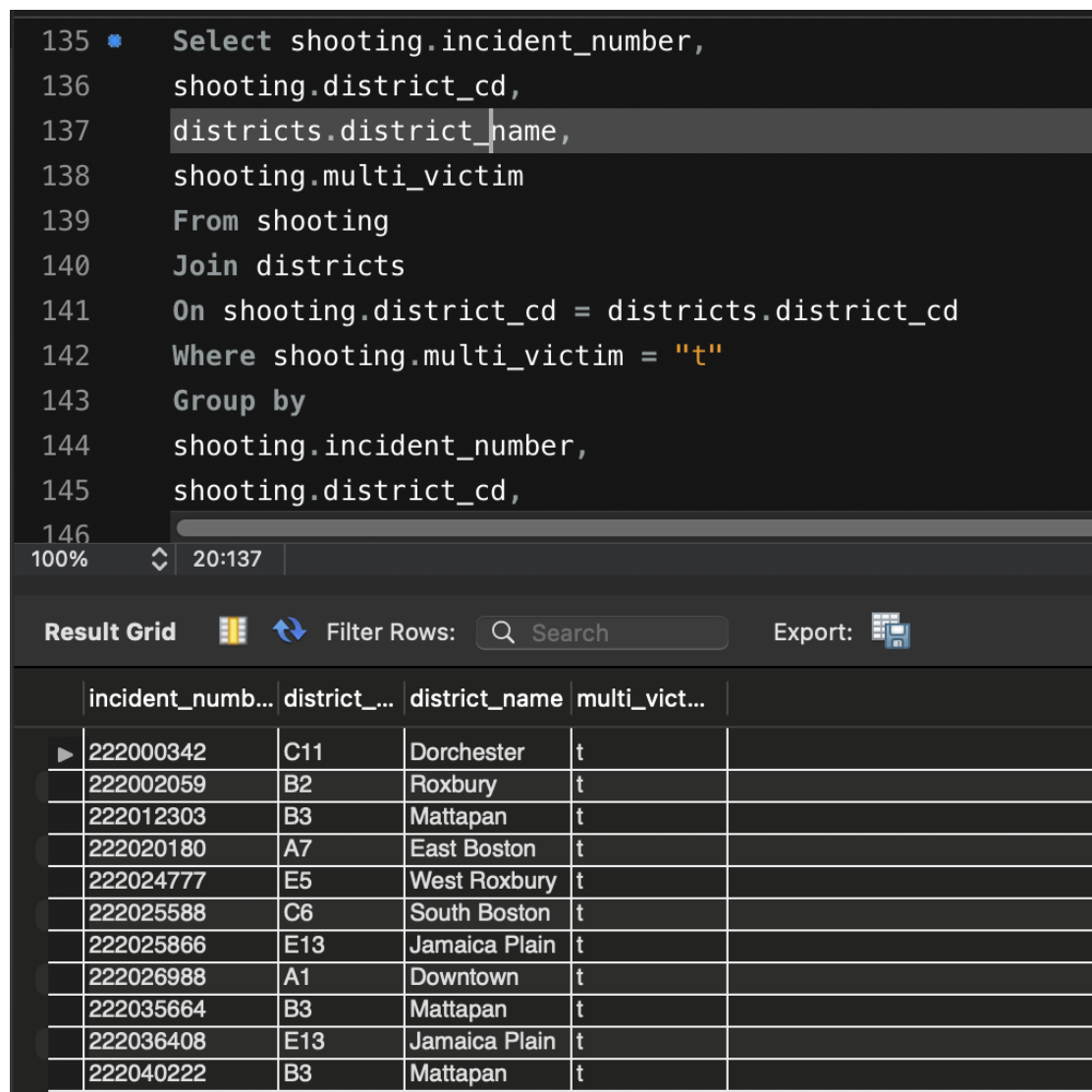
100% 14:130

Result Grid Filter Rows: Search Export:

	incident_num...	multi_vict...	
	222012303	t	
	222020180	t	
	222024777	t	
	222025588	t	
	222025866	t	
	222026988	t	
	222035664	t	
	222036408	t	
	222040222	t	
	222049436	t	
	222049446	t	
	222050104	t	

17. Which district had more than 1 victim?

```
Select shooting.incident_number,  
shooting.district_cd,  
districts.district_name,  
shooting.multi_victim  
From shooting  
Join districts  
On shooting.district_cd = districts.district_cd  
Where shooting.multi_victim = "t"  
Group by  
shooting.incident_number,  
shooting.district_cd,  
districts.district_name,  
shooting.multi_victim;
```



The screenshot shows a SQL query editor with a dark theme. The query is entered in a text area with line numbers 135 to 146. Below the query, there is a 'Result Grid' section with a table of results. The table has five columns: 'incident_number', 'district_cd', 'district_name', 'multi_victim', and an empty column. The results show 11 rows of data, all with 'multi_victim' set to 't'.

```
135 • Select shooting.incident_number,  
136     shooting.district_cd,  
137     districts.district_name,  
138     shooting.multi_victim  
139     From shooting  
140     Join districts  
141     On shooting.district_cd = districts.district_cd  
142     Where shooting.multi_victim = "t"  
143     Group by  
144     shooting.incident_number,  
145     shooting.district_cd,  
146     
```

100% 20:137

Result Grid Filter Rows: Search Export:

	incident_number	district_cd	district_name	multi_victim	
▶	222000342	C11	Dorchester	t	
▶	222002059	B2	Roxbury	t	
▶	222012303	B3	Mattapan	t	
▶	222020180	A7	East Boston	t	
▶	222024777	E5	West Roxbury	t	
▶	222025588	C6	South Boston	t	
▶	222025866	E13	Jamaica Plain	t	
▶	222026988	A1	Downtown	t	
▶	222035664	B3	Mattapan	t	
▶	222036408	E13	Jamaica Plain	t	
▶	222040222	B3	Mattapan	t	

18. Which day of week had the least shooting?

```
SELECT Incidents.day_of_week,  
count(incidents.incident_number) as count  
FROM incidents  
join shooting  
on incidents.incident_number = shooting.incident_number  
GROUP BY  
incidents.day_of_week  
ORDER BY count desc  
LIMIT 1;
```

```
149 • SELECT incidents.day_of_week,  
150 count(incidents.incident_number) as count  
151 FROM incidents  
152 join shooting  
153 on incidents.incident_number = shooting.incident_number  
154 GROUP BY  
155 incidents.day_of_week  
156 ORDER BY count desc  
157 LIMIT 1;  
158  
159 •
```

100% 22:150

Result Grid Filter Rows: Search Export: Fetch rows:

	day_of_week	count
▶	Sunday	28

19. Which hour of the day has the most shootings?

```
SELECT incidents.hour,  
count(incidents.incident_number) as count  
FROM incidents  
join shooting  
on incidents.incident_number = shooting.incident_number  
GROUP BY  
incidents.hour  
ORDER BY count desc  
LIMIT 1;
```

```
159 SELECT incidents.hour,  
160 count(incidents.incident_number) as count  
161 FROM incidents  
162 join shooting  
163 on incidents.incident_number = shooting.incident_number  
164 GROUP BY  
165 incidents.hour  
166 ORDER BY count desc  
167 LIMIT 1;  
168
```

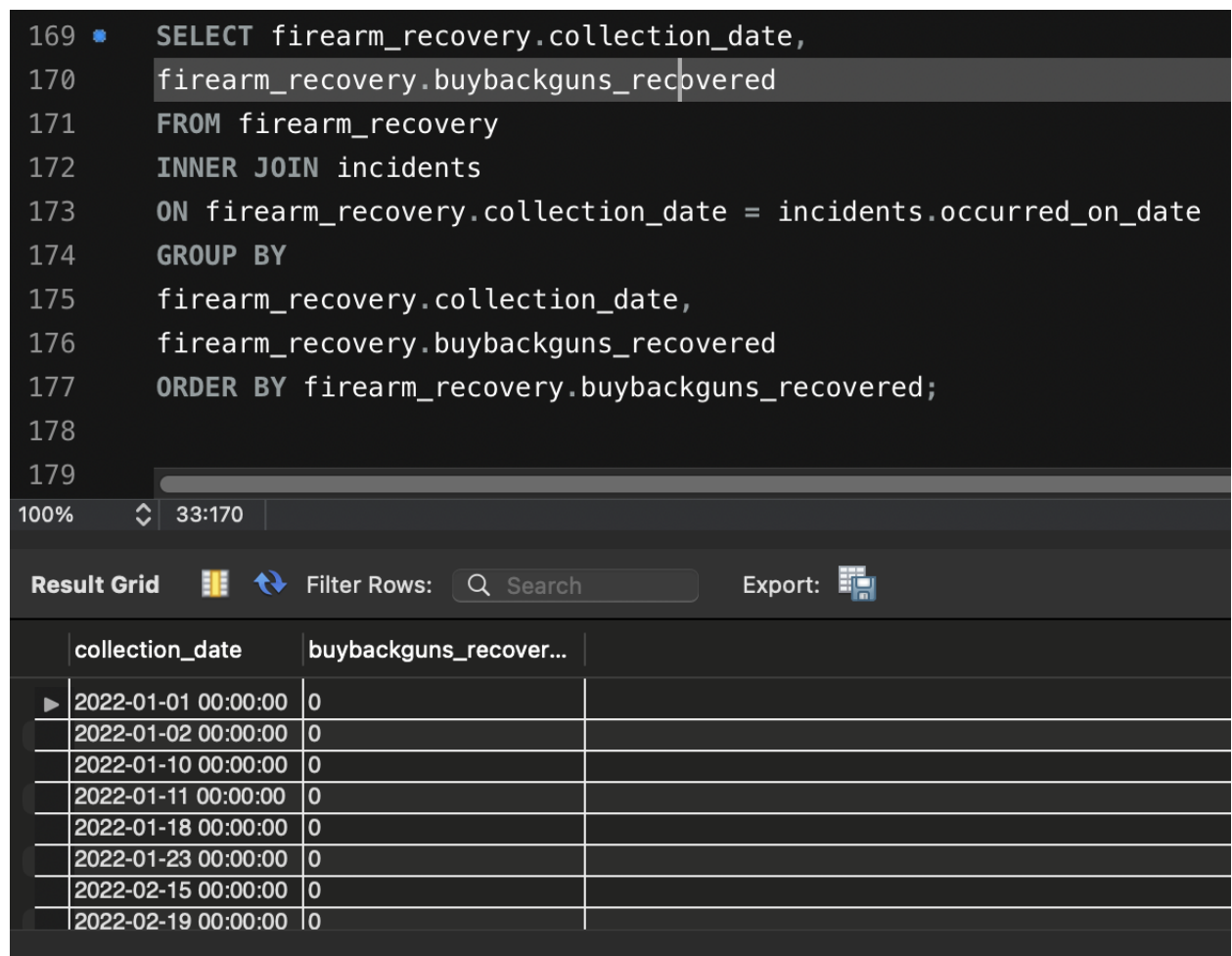
100% 20:160

Result Grid Filter Rows: Search Export: Fetch rows:

	hour	count
▶	22	17

20. What is the highest number of buyback guns recovered for a particular incident date?

```
SELECT firearm_recovery.collection_date,  
firearm_recovery.buybackguns_recovered  
FROM firearm_recovery  
INNER JOIN incidents  
ON firearm_recovery.collection_date = incidents.occurred_on_date  
GROUP BY  
firearm_recovery.collection_date,  
firearm_recovery.buybackguns_recovered  
ORDER BY firearm_recovery.buybackguns_recovered;
```



```
169 SELECT firearm_recovery.collection_date,  
170 firearm_recovery.buybackguns_recovered  
171 FROM firearm_recovery  
172 INNER JOIN incidents  
173 ON firearm_recovery.collection_date = incidents.occurred_on_date  
174 GROUP BY  
175 firearm_recovery.collection_date,  
176 firearm_recovery.buybackguns_recovered  
177 ORDER BY firearm_recovery.buybackguns_recovered;  
178  
179
```

100% 33:170

Result Grid Filter Rows: Search Export:

	collection_date	buybackguns_recover...
▶	2022-01-01 00:00:00	0
	2022-01-02 00:00:00	0
	2022-01-10 00:00:00	0
	2022-01-11 00:00:00	0
	2022-01-18 00:00:00	0
	2022-01-23 00:00:00	0
	2022-02-15 00:00:00	0
	2022-02-19 00:00:00	0